

SAMPLE LIST NO. 1 - FLORENCE MINE.

862054

Location: No. 1 Tunnel and Stopes, South Vein.

SAMPLE No.	LOCATION	WIDTH	Ag. oz.	PB %	ZN%.
	<u>TUNNEL.</u>	ft.			
201.	31' From Portal.	2.4	0.4	0.8	0.9
202.	41' " "	3.2	0.3	0.6	
203.	51'	2.3	0.3	0.7	
204.	61'	3.5	0.5	0.8	3.2
205.	71'	1.7	0.3	0.7	2.2
206.	81'	1.4	0.9	2.1	
207.	91'	4.4	1.5	0.8	
208.	96'	3.5	0.4	0.9	4.7
209.	101'	3.7	0.5	1.0	
210.	106'	4.4	0.4	1.0	
211.	111'	1.7	1.4	1.7	10.1
212.	121'	2.4	11.7	15.9	9.3
213.	141'	3.5	2.6	4.2	1.9
214.	146'	2.8	1.6	2.4	8.1
215.	151'	4.9	1.4	1.9	
216.	156'	1.1	1.1	2.1	
217.	161'	1.0	0.6	1.3	3.9
218.	166'	1.2	1.0	0.8	
219.	171'	2.1	0.2	0.5	
220.	181'	2.2	0.3	0.5	0.8
221.	191'	2.6	0.6	0.8	
222.	201'	1.8	0.5	0.6	
223.	211'	2.1	0.2	0.5	3.6
224.	221'	2.4	0.2	0.8	
225.	231'	2.1	0.5	1.0	
226.	236'	1.2	22.7	30.4	12.6
227.	241'	1.7	2.5	4.9	
228.	246'	0.8	3.5	0.8	
229.	251'	0.9	4.3	4.7	8.3
230.	256' (Face of Tunnel).	1.0	5.5	4.3	

FOLLOWING SAMPLES TAKEN IN SMALL OVERHAND STOPE, 121' W. of PORTAL (at 5' intervals around Stope).

231.	Bottom east side Stope,	2.0'	7.8	13.5	6.4
232.	High grade part of #231.	1.1	11.4	16.6	9.8
233.	5' above #231.	2.8	1.3	2.4	1.9
234.	H. W. Section.	1.8	8.3	13.6	5.7
235.	F. W. Sec. of 234.	2.8	2.6	4.2	3.9
236.	H. W. Section.	1.7	6.4	8.1	12.6
237.	F. W. Section of 236.	2.1	2.8	3.6	6.9
238.	E. End Stope H. W. Sec. (F. W. Sec. Scattered min.)	2.0	3.3	6.3	15.4
239.	Back of Stope.	?	2.3	4.5	5.1
240.	Back of 5' W.	2.9	1.8	3.2	7.1
241.	Back of 5' W.	2.7	2.3	4.1	7.3
242.	Back of 5' W.	1.7	1.8	3.1	8.6
243.	W. End Stope.	2.0	3.2	8.2	5.5
244.	5' below.	1.7	4.6	7.4	8.9
245.	5' below.	2.1			

SAMPLE LIST NO. 1.

2.

LOCATION: Small Underhand Stope off No. 1 Tunnel, South Vein,
Immediately below Overhand Stope.

SAMPLE NO.	LOCATION.	Width	Ag. oz.	PB %	Zn %
246.	E. Face Stope, H. W. Sec.	1.8'	7.8	10.1	1.7
247.	Cancelled, inaccessible.
248.	2nd sec. 1.2 waste between this and H.W. (246)	0.8'	5.4	4.6	5.2
249.	F.W. sec. Sep'd from 248 by 1.4' Waste	1.6'	1.1	0.8	8.6
250.	F.W. sec. 5' above 249.	1.6'	6.6	7.3	4.9
251.	Middle Sec. Sep'd. from 250 by 1.7' Waste.	1.0'	2.4	2.7	7.8
252.	F.W. sec. 5' above 250	3.7	1.4	1.3	6.9
253.	H. W. Sec. sep'd from 252 from 0.5' Waste.	1.5	44.5	58.1	5.2
254.	W. Face Stope, 5' below drift floor, H.S. Sec.	1.0	13.8	17.8	9.4
255.	Ditto 2nd sect. (5' F.W. Sec. not taken, scattered min.).	1.2	2.1	1.7	5.6
256.	5' below 254, H.W. Sec.	0.9	18.7	26.5	3.5
257.	2nd section adjoins 256.	2.7	1.5	1.6	7.4
258.	H.W. Sec. Stope Floor Bench.	1.0	21.7	32.9	4.8
259.	2nd sec. adjoins 258.	3.3	5.3	9.9	6.6

SAMPLE LIST NO. 2 - - - - - FLORENCE MINE.

LOCATION: West wall of Raisefrom No. 2 Tunnel, South Vein.

SAMPLE NO.	LOCATION.	WIDTH ft.	AG. Ozs.	PB. $\frac{1}{2}$	ZN. %.
260.	12' above back of tunnel.	0.99	4.1	6.8	12.1
261.	31'.	2.5	0.5	2.0	4.3
262.	36'.	4.5	3.9	7.8	4.5
263.	41'.	3.5	5.9	10.1	7.3
264.	46'.	3.2	8.9	12.5	4.2
265.	51'.	2.4	16.7	25.5	9.2
266.	55'.	1.6	13.6	20.2	1.9
267.	62'.	1.3	1.0	1.2	5.0
268.	67'.	1.4	2.1	2.8	2.5
269.	72'.	1.8	2.2	4.4	4.6
270.	76'.	2.9	6.9	13.6	3.6
271.	82'.	2.0	8.8	13.6	4.2
272.	88'.	1.5	2.4	4.2	3.5
273.	92'.	1.0	2.7	4.3	2.9
274.	97'.	1.2	1.8	2.9	2.4
275.	104'.	1.7	6.9	10.7	4.3
276.	107'.	1.0	2.6	4.0	1.9
277.	112'.	1.4		0.9	
278.	117'.	2.7		1.1	
279.	122'.	2.0	1.1	1.9	2.4
280.	127'.	1.5	1.8	1.0	3.7
281.	132'.	0.7	1.0	2.1	4.1
282.	137'.	1.4	1.3	2.5	2.9
283.	142'.	2.6		4.0	
284.	147'.	1.5		0.8	
285.	152'.	1.9	3.1	4.1	7.4
286.	157'.	1.6	2.4	3.5	2.6
287.	162'.	0.8		18.1	
288.	172'.	2.0	0.4	0.8	0.7
289.	182'.	1.2		0.7	
290.	192'.	1.2		0.7	
291.	202'.	1.2	0.7	0.8	2.9
292.	212'.	1.1	7.4	14.8	2.0
293.	222' (3' below floor of No. 1 Tunnel).	1.0		3.7	

17/91.0 (5.3)
 85/60
 17) 146.6 (8.6)
 136
 102
 102

SAMPLE LIST NO. 3 - - FLORENCE MINE.

LOCATION: North fissure, Quartzite Horizon, Top of Hill (3260')
(4 small fissures, numbers 1 to 4, north to south).

SAMPLE NO.	LOCATION.	WIDTH	Ag. Oz.	PB. %	ZN. %
301.	No. 1 Fissure, Botton.	2.3'		1.6	
302.	8 $\frac{1}{2}$ ' above, ore streak.	1.3	3.3	5.7	3.2
303,-	8 $\frac{1}{2}$ ' H. W. Sec.	0.9		1.6	
304.	13 $\frac{1}{2}$ ' above, ore str.	0.8	3.4	3.6	8.3
305.	" " F.W. Sec.	0.3		1.2	
306.	18 $\frac{1}{2}$ ' above, Whole.	1.5		10.6	
307.	23 $\frac{1}{2}$ ' " , Ore Strk.	0.4	2.7	5.4	3.2
308.	23 $\frac{1}{2}$ ' " H.W. Sec.	1.2	0.4	1.3	1.4
309.	28 $\frac{1}{2}$ ' above, Ore Strk.	0.6	9.1	18.1	12.2
310.	28 $\frac{1}{2}$ ' " F.W. Sec.	1.2		0.3	
311.	33 $\frac{1}{2}$ ' above, Whole.	1.9	0.8	1.6	1.3
312.	38 $\frac{1}{2}$ ' " Whole.	1.4		0.8	
313.	43 $\frac{1}{2}$ ' above, ore strk.	0.8	12.3	10.2	4.1
314.	43 $\frac{1}{2}$ ' " H.W. Sec.	0.7		1.5	
315.	48 $\frac{1}{2}$ ' " Ore Strk.	1.0	1.3	17.3	1.8
316.	48 $\frac{1}{2}$ ' " F.W. Sec.	0.6		2.1	
317.	53 $\frac{1}{2}$ ' " Ore Strk.	0.7	4.4	30.4	5.2
318.	53 $\frac{1}{2}$ ' " H.W. Sec.	0.5		0.9	
319.	58 $\frac{1}{2}$ ' " Whole.	2.21		4.5	
320.	112 $\frac{1}{2}$ ' " Grab.	0.4		3.2	
321.	No. 2 Fissure, pit on top of hill (25' S. of No. 1 Fissure.)	2.1	4.1	19.2	7.9
322.	76' below 321, ore strk.	0.9	12.4	15.1	7.9
323	" " " , 2nd. sec. N. Wall.	1.9	58.1	2.5	1.8
324.	No. 3 Fissure, 67' S. of No. 2 Fissure, Small tunnel, 18' w. of Portal.	0.3	56.8	49.8	7.2
325.	" " 26' W. of ptl.	0.5	1.4	12.9	5.2
326.	" " 36' W. of ptl.	0.8	13.4	17.4	5.0
327.	" " 46' W. of ptl.	0.8	11.4	15.7	7.3
328.	" " 56' W. of (Face.	0.3	2.1	3.0	8.4
<u>No. 4 fissure, 46' S. and 69' E. of portal of above tunnel.</u>					
329.		1.4	2.3	3.9	16.9
330	5' W. of 329.	0.6	6.1	12.2	30.8
331.	10' W. of 329.	1.3	10.2	21.5	9.6

SAMPLE LIST NO. 4 - - - - - FLORENCE MINE.

Location: No. 5 Tunnel.

SAMPLE No.	LOCATION.	WIDTH feet.	Ag. oz.	Pb. %	Zn. %
<u>Blind Fissure, S. Wall, Drift.</u>					
337.	3½' W. of beginning of Stope.	4.0	0.6	1.3	11.2
338.	8½' W. of Beginning of stope.	2.8	3.1	2.6	0.9
339.	17½' W. of beginning of stope.-	3.6	2.9	12.5	10.1
340.	22½'	4.0	0.8	2.7	7.3
341.	42½' (at face).	3.5	0.6	2.0	1.5
<u>Replacement vein, W. side of raise, No. 4 Sub-Level.</u>					
342.	Back of stope, 4½' S. of N. end, H.W. sec.	0.6	5.4	41.6	7.1
343.	" " " 2nd sec.	4.0	1.1	3.5	18.9
344.	" " " 3rd sec.	3.5	0.9	4.2	3.5
345.	" " " 11½' S.,	1.8	2.4	8.1	11.4
346.	Ditto, 2nd sec.	3.8	5.4	9.1	14.1
<u>REPLACEMENT; E. Wall stope, 7' S. of centre No. 4 Drift.</u>					
347.	Bottom sec.	2.5	3.1	11.1	7.4
348.	2nd sec.	4.0	8.7	10.5	0.7
349.	3rd sec.	4.0	1.5	5.5	11.4
350.	Replacement vein, in X-cut, 40' S. of No. 5	2.5	2.6	1.9	14.6

SAMPLE LIST NO. 5 - - - - FLORENCE MINE.

LOCATION: Tunnel, Hanging Wall, W. End, Limestone shoot, Surface.

SAMPLE NO.	LOCATION.	WIDTH Feet.	Ag. ozs.	PB. %	ZN. %
401.	Face of Tunnel, Hanging Wall.	0.8	1.5	4.3	8.7
402.	Face of Tunnel, Ore Strk.	0.6	17.1	58.7	1.2
403.	Face of Tunnel, F.W.Sec.	1.0	2.2	4.7	1.5
404.	5' E. from face.	1.5	0.7	2.3	2.7
405.	10' E. from face, Ore Strk.	0.5	12.1	47.1	7.6
406.	10' " " " , F.W. Sec.	2.2	11.2	3.9	1.6
407.	15' E., Whole.	4.0	1.8	6.4	2.7
408.	20' E., Whole,	3.0	2.4	7.0	10.2
409.	25' E., Ore Strk.	0.9	1.8	1.7	28.9
410.	25' H. W. Sec.	2.3	2.8	9.2	11.9
411.	30' E. Ore strk.	0.8	18.2	51.8	10.8
412.	" F. W. Sec.	1.5	7.1	23.7	20.6
413.	35' E. Ore Strk.	0.5	13.6	40.6	13.7
414.	35' H. W. Sec.	2.4	2.3	7.4	10.4
415.	40' E. H. W. Sec.	2.3	1.0	3.1	4.0
416.	" ore Strk.	1.8	4.8	17.7	13.1
417.	" F. W. Sec.	1.5	1.2	3.8	15.1
418.	45' E. Whole width.	4.7	51.1	16.4	15.8
419.	61' E. Whole width.	4.0	1.6	4.9	4.9
420.	75' E. Whole width.	4.2	0.4	1.0	2.3

Following samples are from top of raise above No. 2 approx.
100 ft. west, and somewhat below, face of above tunnel.

424.	44' below top of raise, E. side raise, H. W. Sec.	2.5	1.6	5.8	8.9
425.	Ditto, F. W. Sec.	3.0	0.3	0.9	10.1

SAMPLE LIST NO. 6 - - - - - FLORENCE MINE.

MISCELLANEOUS.

SAMPLE No.	LOCATION.	WIDTH feet.	Ag. oz.	PB %	ZN. %
294.	Dump No. 1 Tunnel, S. vein, general sample.....	Dump.	1.6	4.1	0.9
295.	South third of above dump.	Dump.	2.6	5.1	3.6
297.	Mill Tailings Dump, Main part.	DUMP.	0.8	1.9	5.7
298.	Ditto, Check.	Dump.	0.8	1.9	5.1
299.	Ditto, check.	Dump.	0.7	1.6	5.7
300.	ditto, Check.	Dump.	0.7	2.0	5.1
351.	Mill Tails Dump, High grade sect. S. End	DUMP.	1.3	4.1	5.4
352.	Mill Tails Dump, " " Sec. N. end.	DUMP.	0.75	1.5	4.6
353.	" " " High-grade Sect. N. End. CONCENTRATES ONLY.....	DUMP	3.6	7.3	7.0
354.	Slimes, Mill Basement.	----	2.5	9.2	7.8

FOLLOWING SAMPLES HIGH GRADE SECTIONS TAKEN IN CHANNELS IN RAISE FROM NO. 2. TUNNEL? SOUTH VEIN.

362.	36' above baak of drift.	0.5	26.8	54.3	8.8
363.	41' " " " "	0.3	37.3	64.5	5.0
355.	46' " " " "	0.7	52.3	66.4	6.3
360.	51' " " " "	0.6	40.1	60.4	7.2
361.	55' " " " "	0.5	39.1	52.9	10.0
364.	76' " " " "	0.4'	35.4	56.5	3.7
356.	82' " " " "	0.3'	31.2	50.5	7.4

OXIDIZED ZONE NEAR PORTAL, NO. 2 TUNNEL, SOUTH VEIN, (POSSIBLE CARBONATES).

357.	N. Wall, 48-52' from portal.	4.0'	0.2	0.7	0.7
358.	N. Wall, 52-56' from portal.	4.0'	0.7	1.5	4.1
359.	N. Wall 56-60' " "	4.0'	1.1	3.3	10.7
396.	Surface showing, limestone, zone, South vein, CHARACTER SAMPLE.	Char.	5.9	21.5	1.5

FERGUS FISSURE (650' N. of main North Fissure)

365.	Old Tunnel, 250' E. of limestone surface depression,	charac.	11.9	36.8	5.3
334c.	General sample along a 33-ft. tunnel, 2 ft. vein, on E. side, quartzite horizon.	charac.	0.5	1.1	1.3

MISCELLANEOUS.

SAMPLE NO.	LOCATION.	WIDTH feet.	Ag. oz.	PB. %	ZN. %
332.	North and South contact Vein, 150' S. of No. 2 tunnel, S. vein, N. Side of Pit.....	3.0	9.6	17.2	14.7
333.	North and South ditto, S. side pit.	3.'	5.9	9.6	3.5
335.	No. 2 Tunnel, N. vein, Replacement ore on S. side of tunnel, General grab over 8 feet.	8.0'	0.9	2.2	6.1
336.	6' E. of No. 335.	2.3'	3.9	3.4	2.0
421.	Short drift 11' E. of Air line Shaft, 38' below collar, (face).	1.0	0.2	1.1	0.8
422.	No. 1 tunnel, up hill from caved surface slope, (parallel fissure) 45' E. of face.	1.7	9.2	32.3	5.4
423.	117' E. of Face.	1.3	3.8	17.1	10.0

COPY ONLY.

SCREEN ANALYSIS: The following are the results of Mr. Widdowson's screen analysis of tailings dump samples described in sample list No. 66

	<u>Silver oz.</u>	<u>Lead %</u>	<u>Zinc %.</u>
Sample #297, Original.	.8	1.9	5.7
Sample #297, Fines 79 lbs.	.7	2.1	5.8
Sample #297, coarse 11 lbs.	1.15	1.8	3.2
Sample #352, Original.	.75	1.5	4.6
Sample #352, fines 48 lbs.	.75	1.5	5.0
Sample #352, Coarse 6 lbs.	.7	1.2	2.6
Sample #351, Original.	1.3	4.1	5.4
Sample #351, fines 38 lbs.	1.6	4.6	6.0
Sample #351, coarse 2½ lbs.	1.0	2.7	3.7
Sample #298, Original.	.8	1.9	5.1
Sample #298, Fines 50 lbs.	.8	1.8	5.2
Sample #298, coarse 7 lbs.	.75	2.0	2.9

Signed (E. W. Widdowson)

Provincial Analyst.t.

The composite samples for Specific Gravity Determinations etc. are numbered as follows:

COMPOSITE SAMPLE NO.	COMPOSITE OF NOS.	REMARKS	SPECIFIC GRAVITY.
1.	201 to 230 incl.	Vein matter No. 1 South,	3.096
2.	231 to 259 incl.	Good Milling Ore. Small Stopes	3.906 (#1 S.)
3.	302, 304, 307, 309, 313) 315, 317.)	North fissure, quartzite mixture pyrite & galena.	4.008
4.	303, 308, 314, 318,) 305, 310, 316.)	Location ditto, lean portion of vein.....	2.8901.
5.	337 to 339 incl.	Blind fissure off No. 5, Aver- age vein matter.....	3.387
6.	342 to 349 incl.	No. 4 Sub-Level, Average re- placement Ore.....	3.571
7.	260 to 272 incl.	Raise No. 2 South, Ore with some blean PbS.	3.785
8.	Sample No. 295, (apply factor of 1.7 for breakage	Dump #1 S. Low grade ore. to obtain tonnage factor)	3.157
9.	401 to 418, Incl.	Limestone Hanging Tunnel, Good Milling Ore.....	3.795
10.	360 to 364 incl.	Raise, No. 2, South, Shipping Ore, fairly clean PbS.	5.675